

Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	09/394,019
	Filing Date	September 10, 1999
	First Named Inventor	Akira K m riya
	Group Art Unit	1653
	Examiner Name	Robinson, P
	Attorney Docket Number	300-903820
Date Submitted	April 2, 2003	

RECEIVED
APR 10 2003
TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
CHK	1	5,539,082	A1	Nielsen et al.	07-23-1996	
	2	5,912,137	A1	Tsien et al.	06-15-1999	
	3	5,925,558	A1	Tsien et al.	07-20-1999	
	4	5,998,204	A1	Tsien et al.	12-07-1999	
CHK	5	6,410,255	B1	Pollok et al.	06-25-2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T

Examiner Signature		Date Considered	7/1/03
-----------------------	--	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A-B PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/394,019
Filing Date	Sept mb r 10, 1999
First Named Inventor	Akira K m riya
Group Art Unit	1653
Examiner Name	Robinson, P.
Attorney Docket Number	300-903820US
Date Submitted	March 12, 2003

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
CHK	1	5,011,910		Marshall et al.	04-30-1991	
	2	5,110,801		Leveen et al.	05-05-1992	
	3	5,118,801		Lizardi et al.	06-02-1992	
	4	5,312,728		Lizardi et al.	05-17-1994	
	5	5,506,115		Toth et al.	04-09-1996	
	6	5,652,107		Lizardi et al.	07-29-1997	
	7	5,698,411		Lucas et al.	12-16-1997	
	8	5,714,342		Komoriya et al.	02-03-1998	
	9	5,759,773		Tyagi et al.	06-02-1998	
	10	5,773,719		Jaffe et al.	06-30-1998	
	11	5,776,720		Jaffe et al.	07-07-1998	
	12	5,807,674		Tyagi et al.	09-15-1998	
	13	5,871,946		Lucas et al.	02-16-1999	
	14	5,925,517		Tyagi et al.	07-20-1999	
	15	6,037,103		Tyagi et al.	03-14-2000	
	16	6,037,130		Tyagi et al.	03-14-2000	
	17	6,103,476		Tyagi et al.	08-15-2000	
	18	6,130,476		LaFontaine, Jr. et al.	10-10-2000	
CHK	19	6,150,097		Tyagi et al.	11-21-2000	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
CHK	20	WO	00/06778		The Public Health Research Institute of the City of New York, Inc.	02-10-2000		
CHK	21	WO	00/71562	A1	The Public Health Research Institute of	11-30-2000		

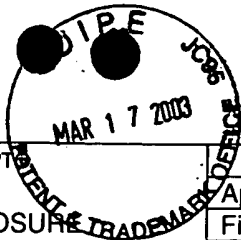
Examiner
Signature

CHK

Date
Considered

2/1/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



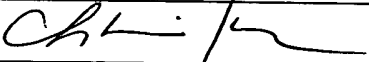
Substitute for form 1449A-B/PT INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	09/394,019
	Filing Date	September 10, 1999
	First Named Inventor	Akira K m riya
	Group Art Unit	1653
	Examiner Name	Robinson, P.
	Attorney Docket Number	300-903820US
Date Submitted	March 12, 2003	

RECEIVED
MAR 18 2003
TECH CENTER 1600/2900

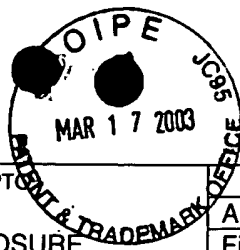
					the City of New York, Inc.		
CHK	22	WO	00/71740	A1	The Public Health Research Institute of the City of New York, Inc.	11-30-2000	
	23	WO	01/18238	A1	Oncommunin, Inc.	03-15-2001	
	24	WO	01/31062	A1	The Public Health Research Institute of the City of New York, Inc.	05-03-2001	
	25	WO	97/39008	A1	The Public Health Research Institute of the City of New York, Inc.	10-23-1997	
	26	WO	98/10096	A1	The Public Health Research Institute of the City of New York, Inc.	03-12-1998	
CHK	27	WO	98/37226	A1	Oncommunin, Inc.	08-27-1998	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
CHK	28	EKERT ET AL. "Inhibition of Apoptosis and Clonogenic Survival of Cells Expressing crmA Variants: Optimal Caspase Substrates are Not Necessarily Optimal Inhibitors" EMBO Jol. Vol. 18, No. 2, 330-338, (1999)	
	29	FINUCANE ET AL. "Bax-induced Caspase Activation and Apoptosis via Cytochrome c Release from Mitochondria Is Inhibitable by Bcl-xL" Abstract J Biol Chem, Vol. 274, Issue 4, 2225-2233, January 22, 1999	
	30	HARVEY ET AL. "Caspase-dependent Cdk Activity Is a Requisite Effector of Apoptotic Death Events" Jol. Of Cell Biol. Vol. 148, No. 1, January 10, 2000	
	31	HIRATA ET AL. "Caspases Are Activated in a Branched Protease Cascade and Control Distinct Downstream Processes in Fas-Induced Apoptosis" J. of Exp. Med. Vol. 187, No. 4, February 16, 1998	
	32	KANUKA ET AL. "Proapoptotic activity of Caenorhabditis elegans CED-4 protein in Drosophila: Implicated mechanisms for caspase activation" Proc. Natl. Acad. Sci. USA Vol. 96, pp. 145-150, January 1999	
CHK	33	KOMORIYA "Single-Cell Image-Based Cellular Protease" Cambridge Health Institute's Eighth Annual HTT Expo, June 2001	

Examiner Signature		Date Considered	7/1/03
--------------------	---	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	09/394,019
	Filing Date	September 10, 1999
	First Named Inventor	Akira Komoriya
	Group Art Unit	1653
	Examiner Name	Robinson, P.
	Attorney Docket Number	300-903820US
	Date Submitted	March 12, 2003

CHK	34	KOMORIYA ET AL. "Assessment of Caspase Activities in Intact Apoptotic Thymocytes Using Cell-Permeable Fluorogenic Caspase Substrates" J. of Exp. Med. Vol. 191, No. 11, 1819-1828, June 5, 2000	
	35	PACKARD ET AL. "Profluorescent Substrates for Protease Activity Detection Ground-State Xanthene or Resonance Energy Transfer", Abstracts 40 th Annual Meeting, Baltimore, MD February 1996	
	36	PACKARD ET AL. "Characterization of Fluorescence Quenching in Bifluorophoric Protease Substrates", Biochemical Chemistry 67 (1997) 167-176	
	37	PACKARD ET AL. "Structural Characteristics of Fluorophores that Form Intramolecular H-Type Dimers in a Protease Substrate", J. Phys. Chem. B (1997) 101, 5070-5074	
	38	PACARD ET AL. "Intramolecular Resonance Dipole-Dipole Interactions in a Profluorescent Protease" J. Phys. Chem. B, pp. 752-758, 1998	
	39	PACKARD ET AL. "Intramolecular Excitonic Dimers in Protease Substrates: Modification of the Backbone Moiety to Probe the H-Dimer Structure" J. Phys. Chem. B pp. 1820-1827 1998	
	40	PACKARD ET AL. "Design of Profluorescent Protease Substrates Guided by Exciton Theory", Methods in Enzymology, Vol. 278, 15-28, (1997)	
	41	PACKARD ET AL. "Profluorescent Protease Substrates: Intramolecular Dimers Described by the Exciton Model", Proc. Natl. Acad. Sci. Vol. 93, pp. 11640-11645, October 1996	
	42	PEREZ ET AL. "Fragmentation and Death (aka apoptosis) of Ovulated Oocytes" Molecular Human Reproduction Vol 5, No. 5, 414-420, (1999)	
	43	ROBLES ET AL. "Localization, Regulation and Possible Consequences of Apoptotic Protease-Activating Factor-1 (Apaf-1) Expression in Granulosa Cells of the Mouse Ovary" Abstract Endocrinology June 1999	
	44	SIEGEL ET AL. "Death-Effector Filaments: Novel Cytoplasmic Structures that Recruit Caspases and Trigger Apoptosis" Jol. Of Cell Biol. Vol. 141, No. 5, June 1, 1998	
CHK	45	ZAPATA ET AL. "Granzyme Release and Caspase Activation in Activated Human T-Lymphocytes" Jol. Of Biol. Chem. Vol. 273, No. 12, pp. 6916-6920 (1998)	

Examiner Signature		Date Considered	7/1/03
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.